



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090097

Mode: Highway

Status: Submitted

US-1 BUS

From/Cross Street: SR 1548 (Peter Gill Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1267 (Dabney Drive)

Project Category: Regional Impact

Length: 3.49

TIP#: R-2503

Fully Funded in Draft STIP? No

Cost to NCDOT: \$25,013,000

Description:

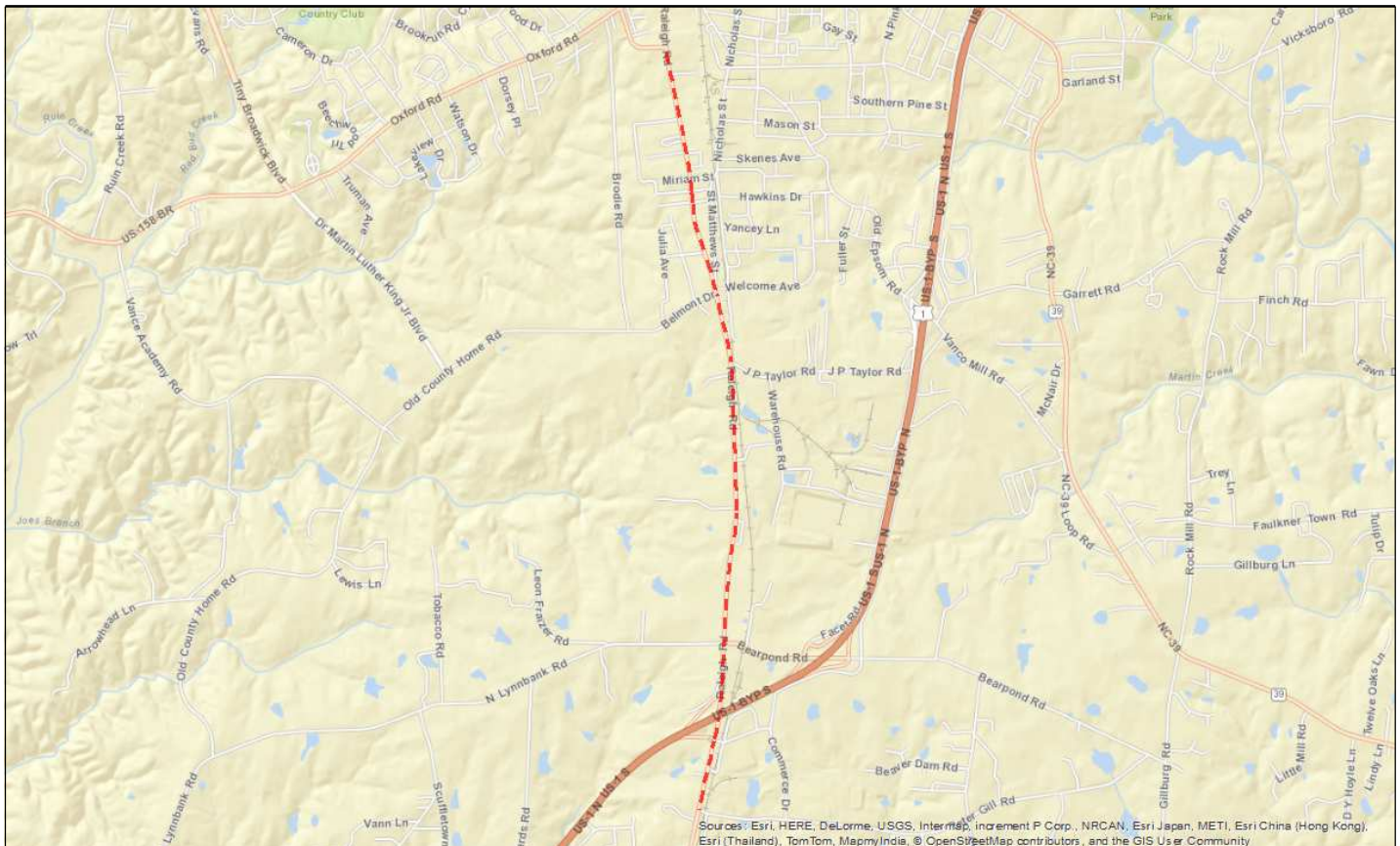
SR 1548 (Peter Gill Road) to SR 1267 (Dabney Drive). Widen to Multi-Lanes with Curb and Gutter.

Division(s): Division 5

County(s): VANCE

MPOS(s)/RPO(s): Kerr-Tar RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 32.93

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 0.54	Percent: 15%	Percent: 15%
Accessibility / Connectivity (10%) 16.52	Points: 0	Points: 100
Safety (10%) 71.84		
Congestion (V/C) (25%) 35.83		
Totals: Weight: 70% Weighted Score: 17.93		

Division Needs Total Score: 14.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 35.83	Percent: 25%	Percent: 25%
Safety (10%) 71.84	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.54		
Totals: Weight: 50% Weighted Score: 14.46		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	3.49
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	8517.85
Capacity:	15762.85
Volume/Capacity Ratio:	0.54
% Autos:	95%
% Trucks:	5%
Truck Volume:	395.88
Crash Density:	90.83
Crash Severity:	43.5
Critical Crash Rate:	81.22
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	95
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.49
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	600849.37
Travel Time Savings for 30 Years (Autos):	572923.84
Travel Time Savings for 30 Years (Trucks):	27925.53
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 5

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 5	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Kerr-Tar RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$22,230,000	TIP Unit
Right-of-Way Cost:	\$2,485,000	Cost Estimation Tool
Utilities Cost:	\$298,000	Cost Estimation Tool
Total Project Cost:	\$25,013,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$25,013,000	